

**SAG AND TENSION TABLES FOR HEAVY LOADING AREAS**

**22 AWG DOUBLE JACKET FIGURE 8**

**BHAP-25**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	4	0	11	718	0	6
75	500	0	9	1	10	820	0	11
100	500	1	4	2	11	914	1	6
125	500	2	0	4	2	999	2	3
150	500	2	11	5	7	1076	3	2
175	500	4	0	7	2	1147	4	3
200	600	4	4	8	3	1294	4	8
225	700	4	8	9	5	1436	5	2
250	800	5	1	10	8	1573	5	8
275	800	6	2	12	5	1637	6	9
300	900	6	6	13	8	1770	7	3
325	1000	6	10	14	11	1901	7	9
350	1100	7	3	16	2	2030	8	3
375	1200	7	7	17	6	2156	8	9
400	1200	8	8	19	4	2214	9	10
425	1300	9	0	20	8	2339	10	5
450	1400	9	5	22	1	2461	10	11

**BHAP-50**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	5	1	0	737	0	7
75	500	1	0	2	0	842	1	1
100	500	1	9	3	3	935	1	11
125	500	2	8	4	7	1018	2	10
150	500	3	11	6	2	1090	4	1
175	500	5	3	8	0	1154	5	6
200	600	5	9	9	2	1310	6	0
225	700	6	3	10	5	1460	6	7
250	800	6	9	11	9	1605	7	2
275	800	8	2	13	8	1665	8	7
300	900	8	7	15	0	1806	9	2
325	1000	9	1	16	4	1944	9	9
350	1200	8	10	17	1	2153	9	8
375	1300	9	4	18	6	2285	10	4
400	1400	9	10	19	11	2414	11	0
425	1500	10	5	21	4	2543	11	8

Note: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° F.

**SAG AND TENSION TABLES FOR HEAVY LOADING AREAS**

**22 AWG DOUBLE JACKET FIGURE 8**

**BHAP-100**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	8	1	2	767	0	9
75	500	1	5	2	4	875	1	6
100	500	2	6	3	9	963	2	8
125	500	3	11	5	6	1035	4	1
150	500	5	8	7	6	1095	5	10
175	600	6	5	8	10	1263	6	8
200	800	6	4	9	7	1520	6	7
225	900	7	1	11	0	1672	7	6
250	1000	7	11	12	6	1822	8	4
275	1100	8	8	14	0	1968	9	2
300	1200	9	6	15	6	2112	10	1
325	1400	9	6	16	6	2333	10	4
350	1600	9	8	17	6	2547	10	8

Note: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° F.

**SAG AND TENSION TABLES FOR HEAVY LOADING AREAS**

**22 AWG SINGLE JACKET FIGURE 8**

**BHAS-25**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	3	0	10	690	0	5
75	500	0	6	1	8	781	0	9
100	500	0	10	2	7	869	1	2
125	500	1	4	3	9	952	1	8
150	500	1	11	4	11	1029	2	3
175	500	2	7	6	3	1102	3	0
200	600	2	10	7	4	1237	3	4
225	700	3	1	8	4	1368	3	9
250	800	3	4	9	5	1496	4	1
275	800	4	0	10	11	1559	4	10
300	900	4	3	12	1	1683	5	3
325	1000	4	6	13	3	1805	5	8
350	1100	4	9	14	4	1926	6	1
375	1200	5	0	15	6	2045	6	6
400	1200	5	8	17	2	2101	7	3
425	1200	6	5	18	11	2155	8	1
450	1300	6	7	20	2	2271	8	6
475	1300	7	5	21	11	2324	9	4
500	1400	7	7	23	2	2437	9	9

**BHAS-50**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	4	0	11	711	0	5
75	500	0	8	1	9	810	0	10
100	500	1	2	2	10	902	1	5
125	500	1	11	4	1	987	2	1
150	500	2	8	5	5	1065	3	0
175	500	3	8	6	11	1136	4	0
200	600	4	0	8	1	1280	4	5
225	700	4	4	9	2	1419	4	10
250	800	4	8	10	4	1554	5	4
275	800	5	8	12	0	1617	6	4
300	900	6	0	13	3	1749	6	9
325	1000	6	4	14	6	1877	7	3
350	1100	6	8	15	9	2004	7	9
375	1200	7	0	17	0	2128	8	3
400	1200	8	0	18	10	2186	9	3
425	1200	9	0	20	9	2242	10	4
450	1300	9	4	22	1	2363	10	10
475	1400	9	8	23	5	2484	11	4

Note: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° F.

**SAG AND TENSION TABLES FOR HEAVY LOADING AREAS**

**22 AWG SINGLE JACKET FIGURE 8**

**BHAS-100**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	6	1	1	746	0	7
75	500	1	1	2	1	854	1	2
100	500	1	11	3	4	948	2	0
125	500	2	11	4	10	1030	3	1
150	500	4	3	6	6	1101	4	5
175	500	5	9	8	4	1163	5	11
200	600	6	3	9	7	1324	6	6
225	700	6	9	10	10	1477	7	1
250	800	7	4	12	2	1626	7	9
275	900	7	11	13	6	1770	8	5
300	1000	8	5	14	11	1911	9	1
325	1100	9	0	16	4	2049	9	9
350	1200	9	7	17	9	2185	10	5
375	1400	9	5	18	7	2392	10	6
400	1500	10	0	20	1	2523	11	2

Note: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° F.

**SAG AND TENSION TABLES FOR HEAVY LOADING AREAS**

**24 AWG DOUBLE JACKET FIGURE 8**

**BKMP-25**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	3	0	11	713	0	5
75	500	0	7	1	9	814	0	10
100	500	1	1	2	10	909	1	4
125	500	1	8	4	0	997	2	0
150	500	2	5	5	5	1078	2	9
175	500	3	4	6	10	1153	3	8
200	600	3	8	7	11	1296	4	1
225	700	3	11	9	1	1434	4	6
250	800	4	3	10	3	1569	4	11
275	800	5	2	11	11	1635	5	10
300	900	5	5	13	1	1766	6	3
325	1000	5	9	14	4	1894	6	9
350	1100	6	1	15	7	2020	7	3
375	1200	6	4	16	11	2145	7	9
400	1200	7	3	18	8	2204	8	8
425	1200	8	2	20	7	2262	9	7
450	1200	9	2	22	6	2319	10	8
475	1300	9	9	23	9	2415	11	5
500	1400	10	1	25	1	2534	11	10

**BKMP-50**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	4	1	0	729	0	6
75	500	0	9	1	11	835	0	11
100	500	1	5	3	0	932	1	7
125	500	2	2	4	4	1019	2	5
150	500	3	1	5	9	1098	3	4
175	500	4	3	7	5	1170	4	6
200	600	4	7	8	7	1320	4	11
225	700	5	0	9	9	1465	5	5
250	800	5	5	11	0	1606	5	11
275	800	6	6	12	9	1671	7	1
300	900	6	11	14	1	1807	7	7
325	1000	7	4	15	4	1941	8	2
350	1100	7	8	16	8	2072	8	8
375	1200	8	1	18	1	2201	9	3
400	1200	9	3	20	0	2261	10	4
425	1400	9	2	20	8	2429	10	7
450	1400	10	4	22	8	2485	11	9
475	1500	10	9	24	1	2608	12	4

Note: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° F.

**SAG AND TENSION TABLES FOR HEAVY LOADING AREAS**

**24 AWG DOUBLE JACKET FIGURE 8**

**BKMP-100**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	6	1	1	755	0	7
75	500	1	1	2	2	865	1	3
100	500	1	11	3	5	961	2	1
125	500	3	0	4	11	1045	3	2
150	500	4	4	6	7	1117	4	6
175	500	5	11	8	6	1179	6	1
200	600	6	5	9	9	1342	6	8
225	700	7	0	11	1	1499	7	4
250	800	7	6	12	5	1649	7	11
275	900	8	2	13	8	1767	8	8
300	1000	8	9	15	1	1909	9	4
325	1000	10	2	17	4	1999	10	10
275	900	8	2	13	8	1767	8	8
300	1000	8	9	15	1	1909	9	4
325	1200	8	7	15	11	2124	9	4
350	1300	9	2	17	4	2259	10	1

**BKMP-200**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	9	1	3	780	0	10
75	500	1	8	2	6	886	1	9
100	500	2	11	4	1	971	3	0
125	500	4	6	5	11	1038	4	8
150	600	5	6	7	4	1206	5	8
175	800	5	7	8	3	1468	5	10
200	900	6	6	9	9	1625	6	10
225	1100	6	9	10	9	1863	7	2
250	1200	7	7	12	3	2013	8	1
275	1300	8	6	13	10	2160	9	1

Note: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° F.

**SAG AND TENSION TABLES FOR HEAVY LOADING AREAS**

**24 AWG SINGLE JACKET FIGURE 8**

**BKMS-25**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	2	0	9	682	0	4
75	500	0	5	1	7	769	0	8
100	500	0	9	2	6	855	1	0
125	500	1	2	3	7	936	1	6
150	500	1	8	4	9	1013	2	0
175	500	2	3	6	1	1085	2	8
200	600	2	5	7	1	1217	3	0
225	700	2	7	8	1	1345	3	4
250	800	2	10	9	1	1470	3	9
275	800	3	5	10	7	1533	4	4
300	900	3	8	11	8	1654	4	9
325	1000	3	10	12	9	1774	5	2
350	1100	4	0	13	10	1892	5	7
375	1200	4	3	15	0	2009	6	0
400	1200	4	10	16	7	2064	6	8
425	1300	5	0	17	9	2179	7	1
450	1400	5	3	18	11	2293	7	6

**BKMS-50**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	3	0	10	697	0	5
75	500	0	6	1	8	791	0	9
100	500	0	11	2	8	880	1	2
125	500	1	6	3	10	964	1	9
150	500	2	2	5	1	1042	2	5
175	500	2	11	6	6	1115	3	3
200	600	3	2	7	6	1253	3	8
225	700	3	5	8	7	1386	4	0
250	800	3	9	9	9	1516	4	5
275	800	4	6	11	3	1580	5	3
300	900	4	9	12	5	1706	5	8
325	1000	5	0	13	7	1830	6	1
350	1100	5	3	14	9	1952	6	7
375	1200	5	7	16	0	2073	7	0
400	1200	6	4	17	8	2130	7	10
425	1200	7	2	19	6	2185	8	8
450	1300	7	5	20	9	2303	9	2
475	1300	8	3	22	7	2356	10	1
500	1400	8	6	23	10	2471	10	6

Note: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° F.

**SAG AND TENSION TABLES FOR HEAVY LOADING AREAS**

**24 AWG SINGLE JACKET FIGURE 8**

**BKMS-100**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	4	0	11	722	0	6
75	500	0	9	1	10	824	0	11
100	500	1	5	3	0	917	1	7
125	500	2	2	4	3	1001	2	5
150	500	3	2	5	9	1078	3	5
175	500	4	3	7	4	1146	4	6
200	600	4	8	8	6	1295	5	0
225	700	5	1	9	8	1439	5	6
250	800	5	6	10	10	1578	6	0
275	800	6	7	12	8	1641	7	2
300	900	7	0	13	11	1776	7	8
325	1000	7	5	15	2	1908	8	2
350	1100	7	10	16	6	2038	8	9
375	1200	8	2	17	10	2166	9	4
400	1200	9	4	19	9	2223	10	5
425	1300	9	9	21	1	2348	11	0
450	1400	10	2	22	6	2472	11	7

**BKMS-200**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	7	1	1	750	0	8
75	500	1	3	2	2	854	1	4
100	500	2	2	3	6	943	2	4
125	500	3	5	5	1	1018	3	7
150	500	4	11	6	11	1081	5	1
175	600	5	7	8	2	1243	5	10
200	700	6	3	9	6	1399	6	7
225	800	7	0	10	10	1550	7	4
250	900	7	8	12	2	1697	8	1
275	1000	8	4	13	7	1841	8	10
300	1100	9	0	15	1	1982	9	7
325	1200	9	8	16	6	2121	10	5
350	1300	10	4	18	0	2257	11	2

Note: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° F.



**SAG AND TENSION TABLES FOR HEAVY LOADING AREAS**

**26 AWG DOUBLE JACKET FIGURE 8**

**BKTP-25**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	3	0	10	702	0	5
75	500	0	7	1	9	798	0	9
100	500	1	0	2	9	889	1	3
125	500	1	7	3	11	974	1	10
150	500	2	3	5	2	1052	2	7
175	500	3	1	6	7	1126	3	5
200	600	3	4	7	8	1265	3	9
225	700	3	7	8	9	1400	4	2
250	800	3	11	9	11	1532	4	7
275	800	4	9	11	6	1596	5	6
300	900	5	0	12	8	1723	5	11
325	1000	5	3	13	10	1849	6	4
350	1100	5	7	15	1	1972	6	9
375	1200	5	10	16	3	2094	7	3
400	1200	6	8	18	0	2152	8	1
425	1300	6	11	19	3	2271	8	7
450	1400	7	3	20	6	2389	9	1

**BKTP-50**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	4	0	11	713	0	5
75	500	0	8	1	10	813	0	10
100	500	1	2	2	10	907	1	5
125	500	1	11	4	1	992	2	1
150	500	2	8	5	6	1071	3	0
175	500	3	8	7	0	1142	4	0
200	600	4	0	8	1	1287	4	5
225	700	4	4	9	3	1426	4	10
250	800	4	8	10	5	1562	5	4
275	800	5	8	12	1	1626	6	4
300	900	6	0	13	4	1758	6	9
325	1000	6	4	14	7	1887	7	3
350	1100	6	8	15	10	2014	7	9
375	1200	7	0	17	1	2139	8	3
400	1200	8	0	18	11	2197	9	3
425	1300	8	4	20	3	2320	9	9
450	1400	8	8	21	7	2441	10	4

Note: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° F.

**SAG AND TENSION TABLES FOR HEAVY LOADING AREAS**

**26 AWG DOUBLE JACKET FIGURE 8**

**BKTP-100**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	5	1	0	734	0	6
75	500	0	10	2	0	840	1	0
100	500	1	7	3	2	936	1	9
125	500	2	5	4	6	1022	2	7
150	500	3	6	6	0	1098	3	8
175	500	4	9	7	8	1166	5	0
200	600	5	2	8	10	1320	5	6
225	700	5	7	10	1	1468	6	0
250	800	6	1	11	4	1611	6	7
275	800	7	4	13	3	1674	7	10
300	900	7	9	14	6	1813	8	5
325	1000	8	2	15	10	1949	8	11
350	1100	8	8	17	3	2082	9	6
375	1200	9	1	18	7	2213	10	1
400	1200	10	4	20	7	2271	11	5
425	1300	10	9	22	0	2400	12	0
450	1400	11	3	23	5	2527	12	7

**BKTP-200**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	7	1	1	757	0	8
75	500	1	3	2	3	865	1	4
100	500	2	2	3	7	957	2	4
125	500	3	5	5	2	1035	3	7
150	500	4	11	7	0	1100	5	1
175	600	5	7	8	3	1264	5	10
200	700	6	3	9	7	1421	6	7
225	800	7	0	10	11	1574	7	4
250	900	7	8	12	4	1723	8	1
275	1000	8	4	13	9	1869	8	10
300	1100	9	0	15	3	2011	9	7
325	1200	9	8	16	8	2151	10	5
350	1300	10	4	18	2	2289	11	2

Note: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° F.

**SAG AND TENSION TABLES FOR HEAVY LOADING AREAS**

**26 AWG SINGLE JACKET FIGURE 8**

**BKTS-25**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	2	0	9	675	0	4
75	500	0	4	1	6	759	0	8
100	500	0	8	2	5	842	1	0
125	500	1	0	3	6	921	1	5
150	500	1	6	4	8	996	1	11
175	500	2	0	5	10	1068	2	5
200	600	2	2	6	10	1197	2	9
225	700	2	4	7	10	1322	3	1
250	800	2	6	8	10	1446	3	6
275	800	3	1	10	3	1507	4	1
300	900	3	3	11	4	1627	4	5
325	1000	3	5	12	5	1745	4	10
350	1100	3	7	13	6	1861	5	3
375	1200	3	10	14	7	1977	5	8
400	1200	4	4	16	2	2030	6	3
425	1300	4	6	17	3	2143	6	8
450	1400	4	8	18	5	2256	7	1

**BKTS-50**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	2	0	10	685	0	5
75	500	0	5	1	7	774	0	8
100	500	0	9	2	7	861	1	1
125	500	1	3	3	8	943	1	7
150	500	1	9	4	10	1020	2	1
175	500	2	4	6	2	1093	2	9
200	600	2	7	7	2	1226	3	1
225	700	2	10	8	2	1355	3	6
250	800	3	0	9	3	1481	3	10
275	800	3	8	10	9	1544	4	7
300	900	3	11	11	10	1667	4	11
325	1000	4	1	12	11	1787	5	4
350	1100	4	4	14	1	1907	5	9
375	1200	4	6	15	3	2025	6	2
400	1200	5	2	16	10	2080	6	11
425	1200	5	10	18	7	2134	7	7
450	1300	6	0	19	9	2248	8	1
475	1300	6	9	21	6	2300	8	10
500	1400	6	11	22	8	2413	9	3

Note: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° F.

**SAG AND TENSION TABLES FOR HEAVY LOADING AREAS**

**26 AWG SINGLE JACKET FIGURE 8**

**BKTS-100**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	3	0	10	703	0	5
75	500	0	7	1	9	799	0	10
100	500	1	1	2	9	890	1	4
125	500	1	8	3	11	974	1	11
150	500	2	5	5	3	1052	2	8
175	500	3	4	6	8	1124	3	7
200	600	3	7	7	9	1264	4	0
225	700	3	11	8	11	1400	4	5
250	800	4	2	10	0	1533	4	10
275	800	5	1	11	8	1597	5	9
300	900	5	5	12	10	1725	6	3
325	1000	5	8	14	0	1851	6	8
350	1100	5	12	15	3	1975	7	2
375	1200	6	4	16	6	2098	7	7
400	1200	7	2	18	3	2155	8	6
425	1300	7	6	19	6	2275	9	0
450	1400	7	9	20	9	2394	9	6

**BKTS-200**

SPAN LENGTH (Feet)	STRINGING TENSION(Lbs.)	STRINGING SAG (Feet) - (Inches)		SAG UNDER HEAVY LOADING (Feet) - (Inches)		EXPECTED TENSION UNDER HEAVY LOAD (Lbs.)	UNLOADED SAG AFTER STORM (Feet) - (Inches)	
50	500	0	5	1	0	727	0	6
75	500	0	11	1	11	829	1	1
100	500	1	7	3	1	922	1	9
125	500	2	6	4	5	1003	2	8
150	500	3	7	6	0	1076	3	10
175	500	4	11	7	8	1141	5	1
200	600	5	4	8	10	1293	5	8
225	700	5	9	10	1	1440	6	2
250	800	6	3	11	4	1582	6	9
275	800	7	7	13	2	1642	8	1
300	900	8	0	14	6	1780	8	7
325	1000	8	5	15	9	1915	9	2
350	1100	8	11	17	1	2047	9	9
375	1200	9	5	18	6	2178	10	4
400	1200	10	8	20	6	2234	11	8
425	1300	11	1	21	11	2361	12	3
450	1400	11	7	23	4	2488	12	10

Note: Heavy ice loading is defined under NESC Rules 250 and 251 as 0.5 inch radial thickness of ice and 4 PSF horizontal wind pressure at 0° Fahrenheit. Stringing tensions are at 60° F.